



Forest Insect & Disease Management

Report No. 81-3-2

Issued on: 10-1-80

AERIAL DETECTION SURVEY OF FOREST
INSECT AND DISEASE ACTIVITY, CHEROKEE
NATIONAL FOREST, TENNESSEE

LAND OWNERSHIP OR SURVEY AREA: Cherokee National Forest

STATE: Tennessee

AREA WITHIN SURVEY BOUNDARY: 600,764 acres

DATE: September 23, 1980

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 210

CREW: E.T. Wilson, T.P. Russell

REPORT PREPARED BY: E.T. Wilson

SURVEY OBJECTIVES

To detect the presence of forest insect or disease activity adversely affecting the timber resources within the survey area.

SURVEY RESULTS

Twelve spots containing 169 dead and dying pines were observed on the Hiwassee and Ocoee Ranger Districts (Table 1). Fall coloration of hardwoods and many areas of wild fire damage contributed to making aerial observations of insect activity difficult, particularly for southern pine beetle

A ground check will be made by Forest Pest Management personnel to determine the causal agent of the pine mortality and initiate a biological evaluation if required. Widely scattered areas of defoliation of locust by the locust leaf miner were observed within the boundary of the Watauga Ranger District occurring mainly on private lands.

For additional information, contact:

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Northgate Office Park, Room 2103
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Telephone: 404/221-4796

or

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Asheville, NC 28802
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**SOUTHEASTERN AREA, STATE & PRIVATE FORESTRY
USDA FOREST SERVICE, ATLANTA, GA 30309**

Number of spots & number of total affected trees by size category

(number of trees)	2-5		6-20		21-50	
	Spots:	Trees	Spots:	Trees	Spots:	Trees
Hiwasee R.D.	0		3	24	1	50
Ocoee R.D.	3	15	4	40	1	40
Tellico R.D.	0			0		0
Nolichucky R.D.	0			0		0
Unaka R.D.	0			0		0
Watauga R.D.	0			0		0